



## UNITED STATES PATENT AND TRADEMARK OFFICE

DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE  
BOARD OF PATENT APPEALS AND INTERFERENCES  
BOX INTERFERENCE, WASHINGTON, D.C. 20231

MAILED

AUG 9 - 2005

PAT. & T.M. OFFICE  
BOARD OF PATENT APPEALS  
AND INTERFERENCES

Filed by: Judge Jameson Lee  
Telephone: 571-272-9797  
Facsimile: 571-273-0042

Applicants: KHANDROS  
Application No.: 09/656,690  
Filed: 09/07/00

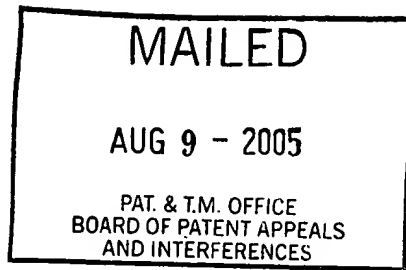
For: Semiconductor chip assemblies, methods  
of making same and components for same

The above-identified application or patent has been forwarded to the Board of Patent Appeals and Interferences because it is adjudged to interfere with another application or patent. An interference has been declared. The interference is designated as No. 105,348.

Notice is hereby given the parties of the requirement of the law for filing in the Patent and Trademark Office a copy of any agreement "in connection with or in contemplation of the termination of the interference." 35 U.S.C. § 135(c).

/ss/ Jameson Lee  
Administrative Patent Judge

Filed by: Jameson Lee  
Administrative Patent Judge  
Mail Stop Interference  
P.O. Box 1450  
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Tel: 571-272-9797  
Fax: 571-273-0042



Paper 1

Filed  
9 August 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE BOARD OF PATENT APPEALS  
AND INTERFERENCES

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**ELI RAZON** and **WALTER von SEGGERN**  
Junior Party  
(Patent 5,950,070),

v.

**IGOR Y. KHANDROS** and  
**THOMAS H. DISTEFANO**  
Senior Party  
(Application 09/656,690).

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Patent Interference No. 105,348

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**DECLARATION**

**Part A. Declaration of interference**

An interference is declared (35 U.S.C. § 135(a)) between the above-identified parties. Details of the application(s), patent (if any), reissue application (if any), count(s) and claims designated as corresponding or as not corresponding to the count(s) appear in Parts E and F of this DECLARATION.

### **Part B. Judge managing the interference**

Administrative Patent Judge Jameson Lee has been designated to manage the interference. 37 CFR § 41.104(a) [Bd. R. 104(a)].

### **Part C. Standing order**

A Trial Section STANDING ORDER [SO] accompanies this DECLARATION. The STANDING ORDER applies to this interference.

### **Part D. Initial conference call**

A telephone conference call to discuss the interference is set for **1:00 p.m. (eastern) on 6 October 2005** (the Board will initiate the call).

No later than **two business days** prior to the conference call, each party shall file and serve by facsimile (SO ¶ 4.5) a list of the motions (Bd. R. 120; Bd. R. 204; SO ¶ 26) the party intends to file.

A sample schedule for taking action during the motion phase appears as Form 2 in the STANDING ORDER. Counsel are encouraged to discuss the schedule prior to the conference call and to agree on dates for taking action. A typical motion period lasts approximately eight (8) months. Counsel should be prepared to justify any request for a shorter or longer period.

**Part E. Identification and order of the parties**

**Junior Party**

Named inventors: ELI RAZON, Maple Glen, PA  
WALTER von SEGGERN, New Hope, PA

Patent: 5,950,070, granted 09/07/99, based on  
application 08/857,708, filed 05/15/97

Title: Method of forming a chip scale package, and a  
tool used in forming the chip scale package

Assignee: Kulicke & Soffa Investments, Inc.

Accorded Benefit: none

**Senior Party**

Named Inventors: IGOR Y. KHANDROS, Orinda, Ca  
THOMAS H. DISTEFANO, Monte Sereno, CA

Application: 09/656,690, filed 09/07/00

Title: Semiconductor chip assemblies, methods of  
making same and components for same

Assignee: none

Accorded Benefit: 6,433,627, granted 08/13/02, based on  
application 09/488,268, filed 01/20/00

6,133,627, granted 10/17/00, based on  
application 08/984,615, filed 12/03/97

5,950,304, granted 09/14/99, based on  
application 08/861,280, filed 05/21/97

5,685,885, granted 11/11/97, based on  
application 08/319,966, filed 10/07/94

5,679,977, granted 10/21/97, based on  
application 08/030,194, filed 04/28/93

5,347,159, granted 09/13/94, based on  
application 07/765,928, filed 09/24/91

5,148,265, granted 09/15/92, based on  
application 07/673,020, filed 03/21/91

5,148,266, granted 09/15/92, based on  
application 07/586,758, filed 09/24/90

PCT/US91/06920, filed 09/24/91

The senior party is assigned exhibit numbers 1001-1999. The junior party is  
assigned exhibit numbers 2001-2999. Bd. R. 154(c)(1). The senior party is responsible  
for initiating settlement discussions. SO ¶ 18.

**Part F. Count and claims of the parties**

**Count 1**

Claim 1 of Khandro's Application 09/656,690

or

Claim 1 of Razon's Patent 5,950,070

The claims of the parties are:

Razon: 1-15

Khandros: 1-5, 7-11, 13-16, 18-22, 24-28 and 30-33

The claims of the parties which correspond to Count 1 are:

Razon: 1-15

Khandros: 1-5 and 18-22

The claims of the parties which do not correspond to Count 1, and therefore are not involved in the interference, are:

Razon: none

Khandros: 7-11, 13-16, 24-28 and 30-33

**Part G. Heading to be used on papers**

The heading in SO Form 1 must be used on all papers filed in this interference.

See SO ¶ 7.2.1. The administrative patent judge and parties must be indicated as follows:

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE BOARD OF PATENT APPEALS  
AND INTERFERENCES  
(Administrative Patent Judge Jameson Lee)

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ELI **RAZON** and WALTER von SEGGERN  
Junior Party  
(Patent 5,950,070),

v.

IGOR K. **KHANDROS** and  
THOMAS H. DISTEFANO  
Senior Party  
(Application 09/656,690).

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Patent Interference No. 105,348

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**Part H. Order form for requesting file copies**

When requesting copies of files, use of SO Form 4 will greatly expedite processing of the request. Please attach a copy of Part E of this DECLARATION with a hand-drawn circle around the patents and applications for which a copy of a file wrapper is requested.

/ss/ Jameson Lee  
JAMESON LEE  
Administrative Patent Judge

Enc:

Copy of STANDING ORDER

Form PTO-850

Copy Patent 5,950,070

Copy of Application 09/656,690

Revised September 2004



cc (via overnight delivery):

Attorney for RAZON:

Paul F. Prestia, Esq.  
RATNER & PRESTIA  
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Valley Forge, PA 19482-0980

Attorney for KHANDROS:

LERNER, DAVID, LITTENBERG,  
KRUMHOLZ & MENTLIK  
600 South Avenue West  
Westfield, N.J. 07090

# INTERFERENCE INITIAL MEMORANDUM

Count # 1

**To the Board of Patent Appeals and Interferences:**

An interference is proposed involving the following 2 parties

PARTY Khandros et al.	APPLICATION NO. 09/656,690	FILING DATE 07 September 2000	PATENT NO., IF ANY	ISSUE DATE, IF ANY
If the involved case is a patent, have its maintenance fees been paid? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not due yet				
Proposed priority benefit (list all intervening applications necessary for continuity):				
COUNTRY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
U.S.	09/488,268	20 January 2000	6,433,419	13 August 2002
U.S.	08/984,615	03 December 1997	6,133,627	17 October 2000
U.S.	08/861,280	21 May 1997	5,950,304	14 September 1999
U.S.	08/319,966	28 April 1993	5,685,885	11 November 1997
The claim(s) of this party corresponding to this count:				
PATENTED OR PATENTABLE PENDING CLAIMS 1-5 and 18-22			UNPATENTABLE PENDING CLAIMS	
The claim(s) of this party NOT corresponding to this count:				
PATENTED OR PATENTABLE PENDING CLAIMS 7-11,13-16,24-28 and 30-33			UNPATENTABLE PENDING CLAIMS	
PARTY Razon et al.	APPLICATION NO. 08/857,708	FILING DATE 15 May 1997	PATENT NO., IF ANY 5,950,070	ISSUE DATE, IF ANY 07 September 1999
If the involved case is a patent, have its maintenance fees been paid? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not due yet				
Proposed priority benefit (list all intervening applications necessary for continuity):				
COUNTRY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
The claim(s) of this party corresponding to this count:				
PATENTED OR PATENTABLE PENDING CLAIMS 1-15			UNPATENTABLE PENDING CLAIMS	
The claim(s) of this party NOT corresponding to this count:				
PATENTED OR PATENTABLE PENDING CLAIMS			UNPATENTABLE PENDING CLAIMS	
<i>(Check off each step, if applicable)</i> <b>INSTRUCTIONS</b>				
<input checked="" type="checkbox"/> 1. Obtain all files listed above. <input checked="" type="checkbox"/> 2. Confirm that the proposed involved claims are still active and all corrections and entered amendments have been considered. The patents must not be expired for, among other things, failure to pay a maintenance fee (Check PALM screen 2970). <input checked="" type="checkbox"/> 3. If one of the involved files is a published application or a patent, check for compliance with 35 U.S.C. 135(b). <input checked="" type="checkbox"/> 4. Obtain a certified copy of any foreign benefit documents where necessary (37 CFR 1.55(a)). <input checked="" type="checkbox"/> 5. Discuss the proposed interference with an Interference Practice Specialist in your Technology Center.				
DATE 12 July 2005	PRIMARY EXAMINER (Signature) <i>Ju C Ma</i>		ART UNIT 2822	TELEPHONE NO. (571)272-1930
DATE 7/14/05	INTERFERENCE PRACTICE SPECIALIST or TECHNOLOGY CENTER DIRECTOR (signature) <i>Edward Weston</i>		TELEPHONE NO. (571) 272-1638	

# INTERFERENCE INITIAL MEMORANDUM (CONT.)

Count #

**To the Board of Patent Appeals and Interferences:**

An interference is proposed involving the following \_\_\_\_\_ parties

PARTY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
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If the involved case is a patent, have its maintenance fees been paid? ☐ Yes ☐ No ☐ Not due yet

Proposed priority benefit (list all intervening applications necessary for continuity):

COUNTRY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
U.S.	08/030,194	28 April 1993	5,679,977	21 October 1997
WO.	PCT/US91/06920	24 September 1991	92/05582	02 April 1992
U.S.	07/765,928	24 September 1991	5,347,159	13 September 1994
U.S.	07/673,020	21 March 1991	5,148,265	15 September 1992

The claim(s) of this party corresponding to this count:

PATENTED OR PATENTABLE PENDING CLAIMS

UNPATENTABLE PENDING CLAIMS

The claim(s) of this party NOT corresponding to this count:

PATENTED OR PATENTABLE PENDING CLAIMS

UNPATENTABLE PENDING CLAIMS

PARTY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
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If the involved case is a patent, have its maintenance fees been paid? ☐ Yes ☐ No ☐ Not due yet

Proposed priority benefit (list all intervening applications necessary for continuity):

COUNTRY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY

The claim(s) of this party corresponding to this count:

PATENTED OR PATENTABLE PENDING CLAIMS

UNPATENTABLE PENDING CLAIMS

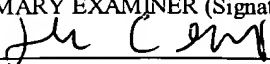
The claim(s) of this party NOT corresponding to this count:

PATENTED OR PATENTABLE PENDING CLAIMS

UNPATENTABLE PENDING CLAIMS

*(Check off each step, if applicable)*      **INSTRUCTIONS**

- ☐ 1. Obtain all files listed above.
- ☐ 2. Confirm that the proposed involved claims are still active and all corrections and entered amendments have been considered. The patents must not be expired for, among other things, failure to pay a maintenance fee (Check PALM screen 2970).
- ☐ 3. If one of the involved files is a published application or a patent, check for compliance with 35 U.S.C. 135(b).
- ☐ 4. Obtain a certified copy of any foreign benefit documents where necessary (37 CFR 1.55(a)).
- ☐ 5. Discuss the proposed interference with an Interference Practice Specialist in your Technology Center.


DATE 12 July 2005	PRIMARY EXAMINER (Signature) 	ART UNIT 2822	TELEPHONE NO. (571)272-1930
DATE	INTERFERENCE PRACTICE SPECIALIST or TECHNOLOGY CENTER DIRECTOR (signature)		TELEPHONE NO.

# INTERFERENCE INITIAL MEMORANDUM (cont.)

Count # \_\_\_\_\_

**To the Board of Patent Appeals and Interferences:**

An interference is proposed involving the following \_\_\_\_\_ parties

PARTY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
If the involved case is a patent, have its maintenance fees been paid? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not due yet				
Proposed priority benefit (list all intervening applications necessary for continuity):				
COUNTRY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
U.S.	07/586,758	24 September 1990	5,148,266	15 September 1992
The claim(s) of this party corresponding to this count:				
PATENTED OR PATENTABLE PENDING CLAIMS			UNPATENTABLE PENDING CLAIMS	
The claim(s) of this party NOT corresponding to this count:				
PATENTED OR PATENTABLE PENDING CLAIMS			UNPATENTABLE PENDING CLAIMS	
PARTY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
If the involved case is a patent, have its maintenance fees been paid? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not due yet				
Proposed priority benefit (list all intervening applications necessary for continuity):				
COUNTRY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
The claim(s) of this party corresponding to this count:				
PATENTED OR PATENTABLE PENDING CLAIMS			UNPATENTABLE PENDING CLAIMS	
The claim(s) of this party NOT corresponding to this count:				
PATENTED OR PATENTABLE PENDING CLAIMS			UNPATENTABLE PENDING CLAIMS	
<b>(Check off each step, if applicable) INSTRUCTIONS</b>				
<input type="checkbox"/> 1. Obtain all files listed above. <input type="checkbox"/> 2. Confirm that the proposed involved claims are still active and all corrections and entered amendments have been considered. The patents must not be expired for, among other things, failure to pay a maintenance fee (Check PALM screen 2970). <input type="checkbox"/> 3. If one of the involved files is a published application or a patent, check for compliance with 35 U.S.C. 135(b). <input type="checkbox"/> 4. Obtain a certified copy of any foreign benefit documents where necessary (37 CFR 1.55(a)). <input type="checkbox"/> 5. Discuss the proposed interference with an Interference Practice Specialist in your Technology Center.				
DATE 12 July 2005	PRIMARY EXAMINER (Signature) 		ART UNIT 2822	TELEPHONE NO. (571)272-1930
DATE	INTERFERENCE PRACTICE SPECIALIST or TECHNOLOGY CENTER DIRECTOR (signature)			TELEPHONE NO.